



# CORNBELT<sup>®</sup> NITROSTAY<sup>™</sup>

## FERTILIZER ADDITIVE FOR UREA, UAN, AND ANHYDROUS AMMONIA

Inhibits nitrification of nitrogen in the soil, reducing  
the loss of nitrogen by leaching and denitrification

### GUARANTEED MINIMUM ANALYSIS:

|                                      |        |
|--------------------------------------|--------|
| Dicyandiamide (DCD) .....            | 30.0%  |
| Solvents and inert ingredients ..... | 70.0%  |
| <b>TOTAL:</b> .....                  | 100.0% |



## WARNING

**STOP – READ ENTIRE LABEL BEFORE USING  
AND  
KEEP OUT OF REACH OF CHILDREN**

Van Diest Supply Company  
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515-832-2366

### Net Contents: 2.5 gallons

### Hazard Statements

Causes skin and eye irritation. Combustible liquid.

### Precautionary Statements

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Wash hands, forearms, and face thoroughly after handling. Wear eye protection, face protection, skin protection.

### First Aid

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER or a doctor if you feel unwell. **IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Allow affected person to breathe fresh air. Allow the person to rest. **IF ON SKIN (or hair):** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention. **IF IN EYES:** Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

## GENERAL INFORMATION

Cornbelt® Nitrostay™ is a fertilizer additive for Urea, Urea Ammonium Nitrate (UAN) and Anhydrous Ammonia, which inhibits nitrification of nitrogen in the soil, reducing the loss of nitrogen by leaching and denitrification. This product does not contain a dye.

## STORAGE AND DISPOSAL

**Storage:** Keep only in original container in a cool, well-ventilated area. Do not store near heat or open flame. Keep packaging closed, securely fastened and upright. Store between 20 °F and 105 °F.

**Disposal:** Triple pressure rinse (or equivalent). Recycling decontaminated containers is the best option for container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit [www.acrecycle.org](http://www.acrecycle.org). Dispose of contents/container in accordance with federal, state, and local regulations.

## USE PRECAUTIONS

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Wash hands, forearms, and face thoroughly after handling. Wear eye protection, face protection, skin protection.

## DIRECTIONS FOR USE

This product is not recommended for use as a fertilizer substitute. Read entire document before use, including the "Conditions of Sale and Warranty" at the end of the label. If the terms are unacceptable, return at once unopened to place of purchase. Use only according to label directions. Always wear appropriate personal protective equipment. Observe all precautions and read safety data sheet (SDS) before use. Always adhere to applicable provisions of federal, state, and local laws and regulations.

## APPLICATION RATES

Cornbelt® Nitrostay™ is a nitrogen stabilizer specific for Urea, UAN and Anhydrous Ammonia. This product is recommended for applications of urea and urea-containing fertilizers such as pre-plant, pre-emergence, side-dress, top-dress, broadcast, or other post-planting applications. The benefits of Cornbelt® Nitrostay™ as a nitrification inhibitor are a result of its ability to impede and delay ammonium loss in the form of nitrates or nitrous oxide by runoff or denitrification. Cornbelt® Nitrostay™ recommended use rates:

|                    |                                                                           |
|--------------------|---------------------------------------------------------------------------|
| Urea:              | 3 – 4 quarts / ton                                                        |
| UAN:               | 2 – 3 quarts / ton                                                        |
| Anhydrous Ammonia: | 5 – 7 quarts / ton or 22 – 32 oz / acre when injecting at or near toolbar |
| Liquid Manure:     | 1 – 2 pints / acre when applied at the time of manure application         |

## Blending with Urea:

### Equipment Requirements:

1. Fertilizer blender or other suitable equipment for blending the urea prills or granules with Cornbelt® Nitrostay™.
2. Scale to weigh materials accurately.
3. A rotary device that can tumble the urea and allow for uniform contact with product.

## Procedure:

1. Wear appropriate personal protection equipment according to the SDS.
2. Weigh the urea and transfer to blending vessel.
3. Apply the desired quantity of Cornbelt® Nitrostay™ to the blender.
4. Under certain temperatures and humidity conditions, coated urea may become tacky, an addition of a drying agent is recommended in such an event.

## Blending with Anhydrous Ammonia:

### Tank Blending Procedures:

1. Wear appropriate personal protection equipment according to the SDS.
2. Pump the appropriate rate of Cornbelt® Nitrostay™ into the anhydrous tank through the liquid fill valve anytime while filling, prior to filling, or after filling.

### Use of an Injection System:

1. Follow equipment manufacturer's directions when utilizing an injection system that introduces Cornbelt® Nitrostay™ into anhydrous near the tool bar mixing into the anhydrous tank.

## Blending with UAN:

1. Fill spray tank half full of UAN and add Cornbelt® Nitrostay™ directly to the UAN solution and agitate.
2. Allow agitation to continue while adding the remainder of UAN until thoroughly mixed into complete solution with Cornbelt® Nitrostay™.

## CONDITIONS OF SALE AND WARRANTY

The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result beyond the control of Van Diest Supply Company or the Seller. All such risks shall be assumed by the Buyer.

Van Diest Supply Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. VAN DIEST SUPPLY COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL VAN DIEST SUPPLY COMPANY OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Van Diest Supply Company and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Van Diest Supply Company.

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